

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
P-5459

In Re Application Of:

T.R. Hansen et al.

Serial No.
10/073,207

Filing Date
February 13, 2002

Examiner

Group Art Unit
1764

Title: A SYSTEM AND METHOD FOR VERIFYING THE INTEGRITY OF THE CONDITION AND OPERATION OF
A PIPETTING DEVICE FOR MANIPULATING FLUID SAMPLES

Address to:

Assistant Commissioner for Patents
Washington, D.C. 20231

37 CFR 1.97(b)

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

37 CFR 1.97(c)

2. ☐ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

☐ the statement specified in 37 CFR 1.97(e);

OR

☐ the fee set forth in 37 CFR 1.17(p).

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A PIPETTING DEVICE FOR MANIPULATING FLUID SAMPLES

Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

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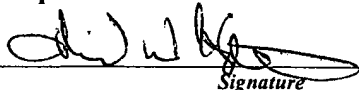
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Dated: May 7, 2002

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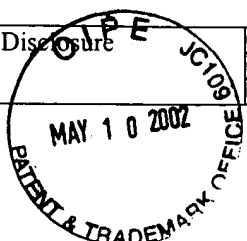
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	Applicants: T.R. Hansen et al.	
	Filing Date: February 13, 2002	Group Art Unit: 1764



U.S. PATENT DOCUMENTS

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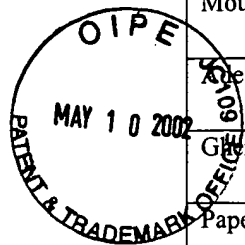
PATENTEE	NUMBER	ISSUE DATE	TITLE	U.S. CL.
Atake	4,780,833	10/1988	System for measuring liquid	364/509
Marquiss	4,846,003	07/1989	Acoustic impedance system for pipette tip detection	73/864.24
Merriam	5,723,795	03/1998	Fluid handler and method of handling a fluid	73/863
Merriam	5,915,282	06/1999	Fluid handler and method of handling a fluid	73/863
Merriam	5,965,828	10/1999	Fluid handler and method of handling a fluid	73/863
Kawanabe	5,488,854	02/1996	Pipetting apparatus	73/19.05
Kimura	5,499,545	03/1996	Pipetting device and method therefore	73/864.18
Miller	4,101,174	07/1978	Slurry control system	302/11
Hamann	5,133,392	07/1992	Liquid injection using container bottom sensing	141/1
Ichikawa	4,864,856	09/1989	Liquid level detecting device	73/290
Papen	6,094,966	08/2000	Method for verifying proper operation of a liquid sample dispenser	73/1.74
Dorenkott	6,060,320	05/2000	Method of verifying aspirated volume in automatic diagnostic system	436/54
Dorenkott	6,121,049	09/2000	Method of verifying aspirated volume in automatic diagnostic system	436/50
Dorenkott	5,750,881	05/1998	Method and apparatus for aspirating and dispensing sample fluids	73/37
Takeda	5,537,880	07/1996	Automatic pipetting apparatus with leak detection and method of detecting a leak	73/864.25
Takeda	5,540,081	07/1996	Pipetting apparatus with clot detection	73/37
Lewis	5,622,869	04/1997	Method of detecting an obstruction in a fluid flow line of a medical laboratory instrument	436/148
Fatches	4,483,825	11/1984	Pipette and filter combination	422/100
Uchida	4,893,515	01/1990	Sample-sucking condition checking method and system	73/864.34
Itoh	5,013,529	05/1991	Apparatus for distributing sample liquid	422/100
Gazit	5,496,523	03/1996	Filtred micropipette tip for high/low volume pipettors	422/100
Inoue	5,612,227	03/1997	Liquid boundary detecting method and apparatus and liquid removing method and apparatus	436/180
Lewis	5,814,275	09/1998	Obstruction detector for a fluid flow line of a medical laboratory instrument	422/63

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			Pat. Off.
50/33087	08/2000	Method and apparatus for aspirating and dispensing sample fluids	World Intell. Prop.Org.
60206028	10/1985	Plasma control apparatus	Japan
60164958	12/1981	Automatic dispenser	Japan

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Moulton	5,851,491	12/1998	Pipette tip and filter for accurate sampling and prevention of contamination	422/101
Kyle	5,853,665	12/1998	Apparatus and method for monitoring vent line vacuum	422/62
Garrison	6,022,747	02/2000	Blood clot detector	436/69
Papen	6,079,283	06/2000	Method for aspirating sample liquid into a dispenser tip and thereafter ejecting droplets therethrough	73/864.11
Brentz	5,463,895	11/1995	Sample pipetting method	73/61.71
Jessop	4,794,085	12/1988	Apparatus and method for detecting liquid penetration by a container used for aspirating and dispensing the liquid	436/54
Nguyen	5,503,036	04/1996	Obstruction detection circuit for sample probe	73/864.34
Reinicke	4,557,726	12/1985	Precision medication dispensing system and method	604/67
Kamen	4,778,451	10/1988	Flow control system using Boyle's Law	604/67
Mullis	5,656,493	08/1997	System for automated performance of the polymerase chain reaction	435/286.1
Collins	4,340,390	07/1982	Method and apparatus for metering biological fluids	23/230 B
Inacu	5,918,291	06/1999	Method for liquid aspiration from a sealed container	73/863.83
Mullis	5,333,675	08/1994	Apparatus and method for performing automated amplification of nucleic acid sequences and assays using heating and cooling steps	165/12
Enhorning	4,800,750	01/1989	Device for accurately displacing fluid	73/64.4
Beyer	4,762,105	08/1988	Control system for an extrinsic-ignition internal combustion engine responsive to an engine load signal provided to dual control units	123/417

FOREIGN PATENT DOCUMENT

NUMBER	PUB. or ISSUE DATE	TITLE	COUNTRY
92/08545	05/1992	Sample Pipetting Method	World Intell. Prop.Org.
0753750 A2	01/1997	Method and apparatus for aspirating and dispensing sample fluids	European Pat. Off.
0810438 A2	12/1997	Microvolume liquid handling system	European Pat. Off.
0508531 B1	10/1995	Liquid dispensing using container bottom sensing	European Pat. Off.
0753750 A2	01/1997	Method and apparatus for aspirating and dispensing sample fluids	European

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